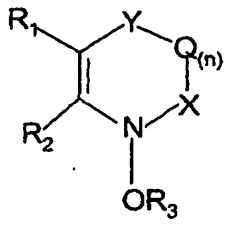
In the Claims:

Please cancel claims 1-19, 32-55 and 77-129. A detailed listing of the claims is provided, below.

1. – 19. (Canceled)

20. (Original) A compound of the formula:



or N-oxides thereof

or salts thereof

wherein

R_1 and R_2 taken together with the carbon atoms to which they are attached form an aryl or heteroaryl ring, wherein said aryl ring is an aromatic containing 6-14 ring carbon atoms and said heteroaryl ring is an oxygen, sulfur or nitrogen heteroaromatic containing from 3 to 13 ring carbon atoms and 1-4 heteroatoms selected from O, S and N, said aryl and heteroaryl rings may each independently be unsubstituted or substituted with lower alkyl or an electron donating group;

Y is O, NR_4 or CR_4R_5;

R_5 is hydrogen or lower alkyl;

R_4 is hydrogen or lower alkyl;

X is CR_6R_7 or NR_6;

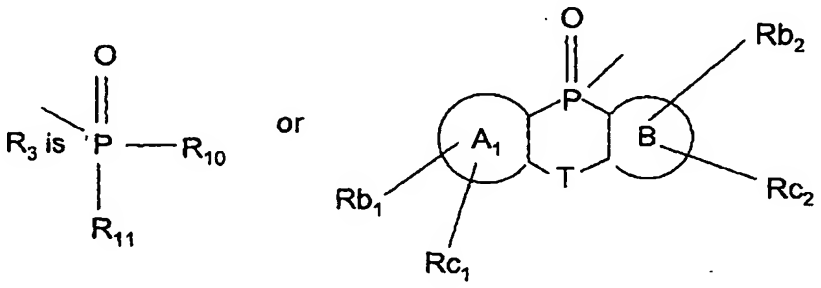
R_6 and R_7 are independently hydrogen or lower alkyl or R_6 and R_7 taken together may form an oxo;

Q is CR_8R_9 or NR_8;

n is 0 or 1;

R_8 and R_9 are independently hydrogen or lower alkyl or R_7 and R_8 taken together with the carbon atom to which they are attached form an aryl ring;

or R_8 may be taken with R_4 to form a bond between Q and Y or R_8 may be taken together with R_6 to form a bond between Q and X, provided there is no double bond simultaneously between X and Q and Q and Y; or R_4 and R_6 may form a bond between X and Y, when Y is NR_4 or CR_4R_5 and Q is not present;



;

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloakyl lower alkyl, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

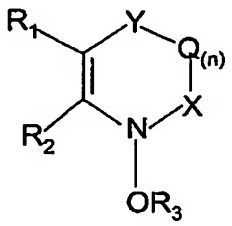
ring A_1 and ring B are independently aromatic containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms;

R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is (CHR_{31}), O, S or NR_{31}; and

R_{31} is hydrogen or lower alkyl.

21. (Original) The compound according to Claim 20 of the formula:



or N-oxides thereof

or salts thereof

wherein

R_1 and R_2 taken together with the carbon atoms to which they are attached form an aryl or heteroaryl ring, wherein said aryl ring is an aromatic containing 6-14 ring carbon atoms and said heteroaryl ring is an oxygen, sulfur or nitrogen heteroaromatic containing from 3 to 13 ring carbon atoms, said aryl ring and heteroaryl ring may each be unsubstituted or substituted with lower alkyl or an electron donating group;

Y is O, NR_4 or CR_4R_5;

R_5 is hydrogen or lower alkyl;

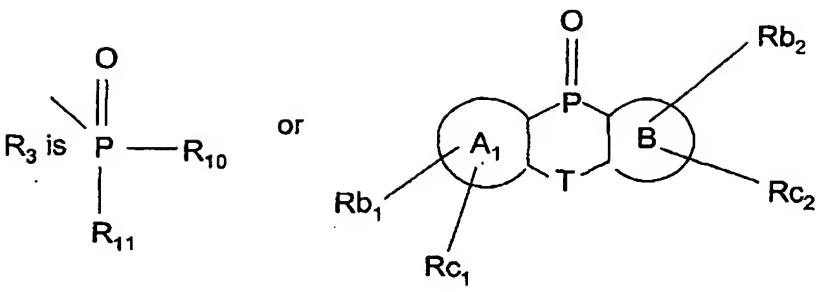
R_4 is hydrogen or lower alkyl;

X is CR_6R_7 or NR_6;

R_6 and R_7 are independently hydrogen lower alkyl or R_6 and R_7 taken together may form an oxo;

Q is CR_8R_9 or NR_8;

R_8 and R_9 are independently hydrogen or lower alkyl or R_7 and R_8 taken together with the carbon atom to which they are attached form an aryl ring; or R_8 may be taken with R_4 to form a bond between Q and Y; or R_8 may be taken together with R_6 to form a bond between Q and X; provided there is no double bond simultaneously between X and Q and Q and Y;



;

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

ring A_1 and ring B are independently aromatic containing 6 to 14 ring carbon atoms or cycloalkenyl or cycoalkyl, each containing 5 to 14 ring carbon atoms;

R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is (CHR_{31}), O, S or NR_{31}; and

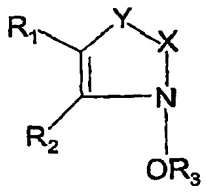
R_{31} is hydrogen or lower alkyl.

22. (Original) The compound according to Claims 20 and 21 wherein

R_1 and R_2 taken together with the carbon atoms to which they are attached form an aryl ring or heteroaryl ring, wherein said aryl ring is phenyl or naphthyl and said heteroaryl ring is an oxygen, sulfur or nitrogen heteroaromatic containing from 3 to 13 ring carbon atoms and contains either at least 1 sulfur

ring atom or at least 1 oxygen ring atom or at least two nitrogen ring atoms, said aryl and heteroaryl ring may each be unsubstituted or substituted with lower alkyl or an electron donating group.

23. (Original) The compound according to Claim 20 having the formula:



or N-oxides thereof

or salts thereof

wherein

R_1 and R_2 taken together with the carbon atoms to which they are attached form an aryl or heteroaryl ring, wherein said aryl ring is an aromatic ring containing 6-14 ring carbon atoms and wherein said heteroaryl ring is an oxygen, sulfur or nitrogen heteroaromatic containing from 3 to 13 ring carbon atoms, said aryl and heteroaryl ring may each be unsubstituted or substituted with lower alkyl or an electron donating group;

Y is O, or CR_4R_5;

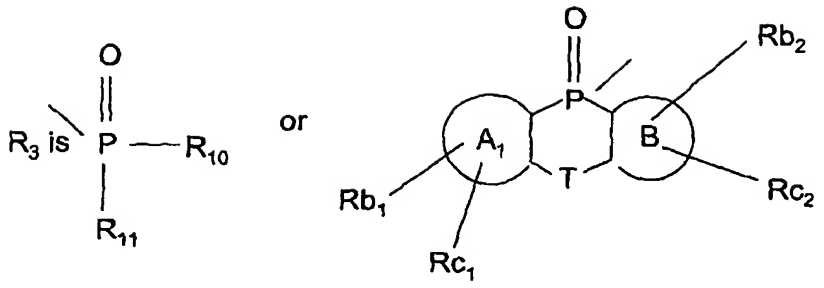
R_5 is hydrogen or lower alkyl;

R_4 is hydrogen or lower alkyl;

X is CR_6R_7 or NR_6;

R_6 and R_7 are independently hydrogen or lower alkyl or R_6 and R_7 taken together may form an oxo;

n is 0 or 1;



;

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3;

R_{12} and R_{13} are independently lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl, or lower cycloalkenyl lower alkyl;

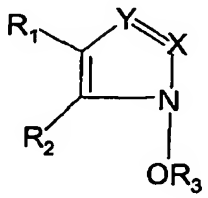
ring A_1 and ring B are independently aromatic containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms;

R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is (CHR_{31}), O, S or NR_{31}; and

R_{31} is hydrogen or lower alkyl.

24. (Original) The compound according to Claim 20 of the formula:



or N-oxides thereof

or salts thereof

wherein

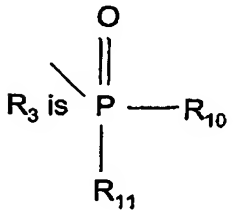
R_1 and R_2 taken together with the carbon atoms to which they are attached form an aryl or heteroaryl ring, wherein said aryl ring is an aromatic ring containing 6-14 ring carbon atoms and said heteroaryl ring is an oxygen, sulfur or nitrogen heteroaromatic containing from 3 to 13 ring carbon atoms, said aryl and heteroaryl ring may each be unsubstituted or substituted with lower alkyl or an electron donating group;

Y is N or CR_5;

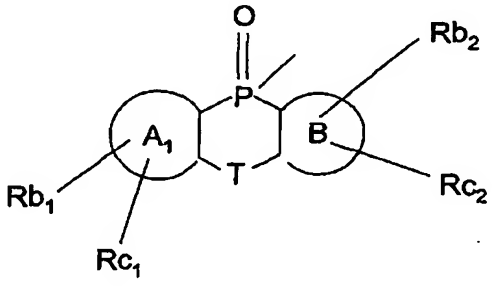
R_5 is hydrogen or lower alkyl;

X is CR_7 or N;

R_7 is hydrogen or lower alkyl;



or



;

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl, or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

ring A_1 and ring B are independently aromatic containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms, and

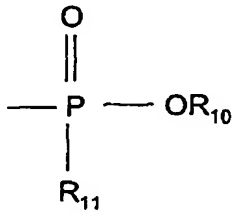
R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is (CHR_{31}), O, S or NR_{31}; and

R_{31} is hydrogen or lower alkyl.

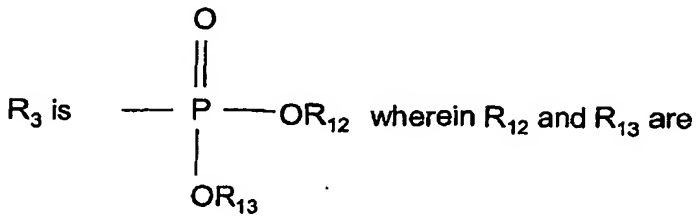
25. (Original) The compound according to any one of Claims 20-24 wherein R_{10} is OR_{12}, lower alkyl, aryl, or aryl lower alkyl; R_{11} is OR_{13}, lower alkyl, aryl, or aryl lower alkyl and R_{10} and R_{11} may be connected by a group selected form the group consisting of O, S, NH, or $(CH_2)_m$, and R_{12} and R_{13} are independently lower alkyl, aryl, or aryl lower alkyl.

26. (Original) The compound according to Claim 25 wherein R_3 is



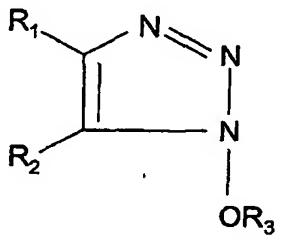
wherein R_{10} and R_{11} are independently lower alkyl or aryl.

27. (Original) The compound according to Claim 25 wherein



independently lower alkyl or aryl.

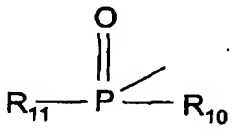
28. (Original) The compound according to Claim 20 of the formula



or N-oxides thereof

or salts thereof.

29. (Original) The compound according to Claim 28 wherein R_3 is



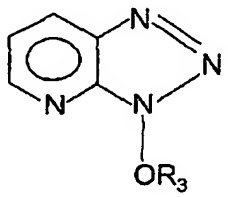
wherein R_{10} is lower alkyl or aryl or OR_{12};

R_{11} is lower alkyl or aryl or OR_{10};

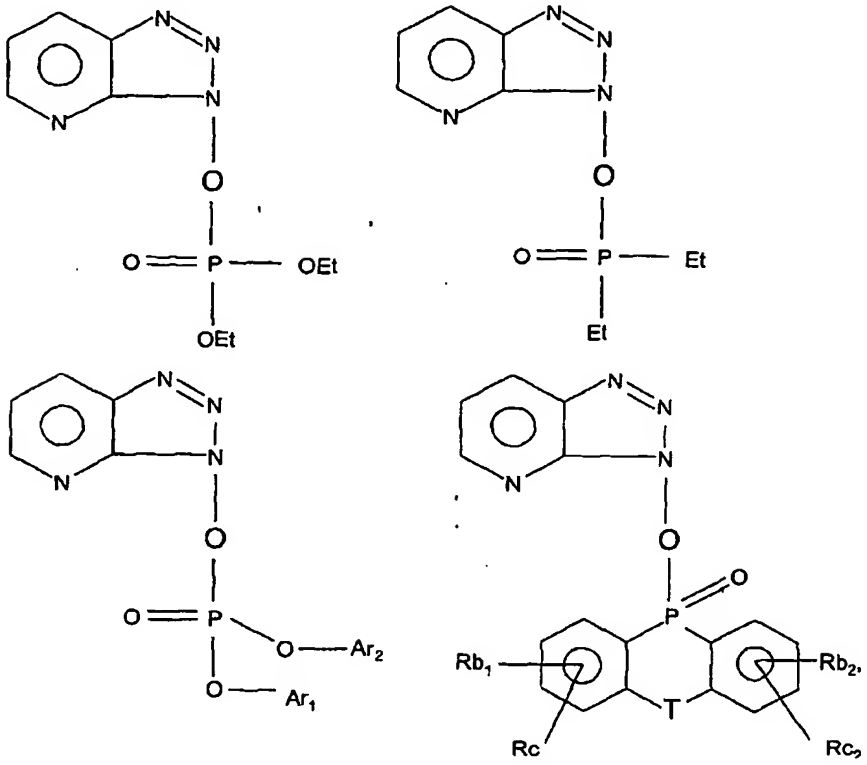
R_{12} is lower alkyl and

R_{13} is lower alkyl.

30. (Original) The compound according to Claim 29 wherein the compound has the formula:



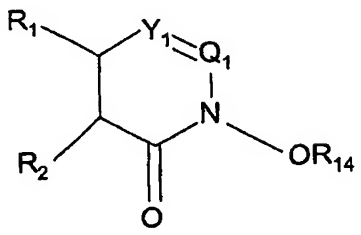
31. (Original) The compound according to Claim 28 wherein the compound is



wherein R_{b1}, R_{b2}, R_{c1} and R_{c2} are independently hydrogen or lower alkyl, and T is O, S, NH or CH_2.

32. - 55. (Canceled)

56. (Original) A compound or salt, wherein the compound or the cation of the salt is of the formula



wherein

R_1 and R_2 taken together with the carbon atoms to which they are attached form an heteroaryl ring wherein said heteroaryl ring is an oxygen, sulfur or nitrogen heteroaromatic containing from 3 to 13 ring carbon atoms and 1-4 heteroatoms selected from O, S, and N, said heteroaryl ring may be unsubstituted or substituted with lower alkyl or electron donating group;

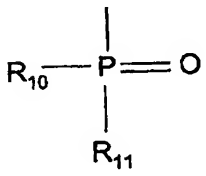
Y_1 is N or CR_{15};

R_{15} is H or lower alkyl;

Q_1 is N or CR_{16};

R_{16} is H or lower alkyl;

R_{14} is a positively charged electron withdrawing group,



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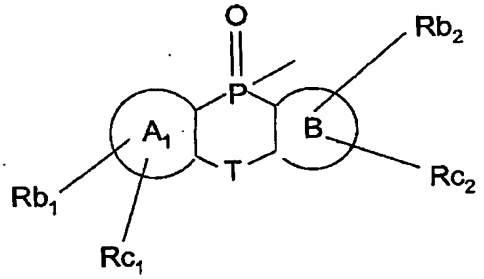


,

SO_2R_{17}, lower alkyl carbonyl, aryl carbonyl, lower alkyl aryl, or BLK_1-AA_1

R_{17} is aryl, aryl lower alkyl or lower alkyl;

AA_1 is an amino acid or peptide less a hydrogen atom on the N-terminus and an OH on the C-terminus;

BLK_1 is an amino protecting group,

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl, or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

ring A_1 and ring B are independently an aromatic ring containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms, and

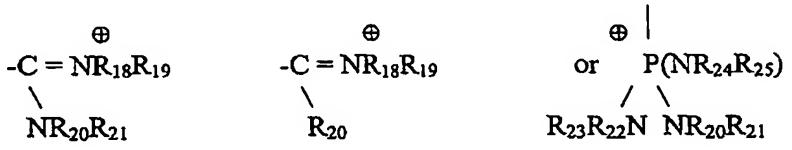
R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is CHR_{31}, O, S or NR_{30}; and

R_{31} is hydrogen or lower alkyl.

57. (Original) The salt according to Claim 56 wherein R_{14} is a positively charged electron withdrawing group.

58. (Original) The salt according to Claim 57 wherein R_{14} is an electron withdrawing group of the formula

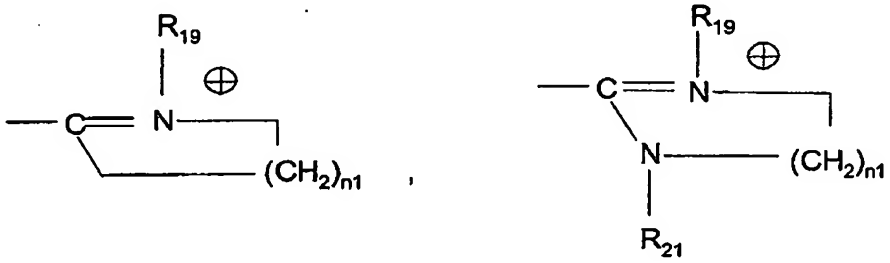


wherein

R_{18}, R_{19}, R_{20}, R_{21}, R_{22}, R_{23} and R_{24} are independently hydrogen, lower alkyl, or lower alkoxy lower alkyl or R_{18} and R_{19} taken together with the atoms to which they are attached form a ring containing up to 6 ring atoms and

up to a total of 5 carbon ring atoms or R_{20} and R_{21} taken together with the nitrogen atom to which they are attached form a 5 or 6 membered nitrogen containing heterocyclic ring containing up to a total of 5 carbon ring atoms or R_{18} and R_{20} taken together with the nitrogen atom and the carbon atom to which they are attached form a heterocyclic ring, or R_{22} and R_{23} taken together with the atoms to which they are attached form a ring containing up to 6 ring atoms and up to a total of 5 carbon atoms or R_{24} and R_{25} taken together with the carbon atoms to which they are attached form a ring containing up to 6 ring atoms and up to a total of 5 carbon atoms.

59. (Original) The salt according to Claim 58 wherein R_{14} is

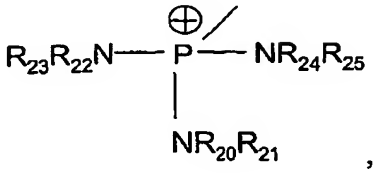


$\oplus$
or $P(NR_{24}R_{25})_3$

wherein R_{19}, R_{20}, and R_{21}, R_{24} and R_{25} are independently hydrogen, or lower alkyl or loweralkoxy lower alkyl and n_1 is 0 or 1.

60. (Original) The salt according to Claim 59 wherein R_{19} and R_{21} or R_{24} and R_{25} are the same

61. (Original) The salt according to Claim 56 wherein R_{14} is



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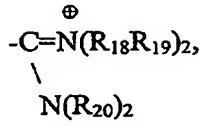
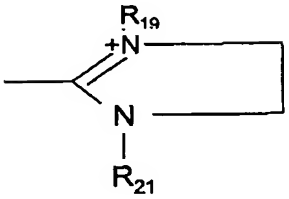
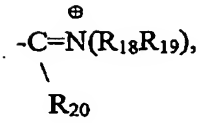




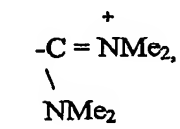
or

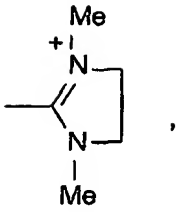


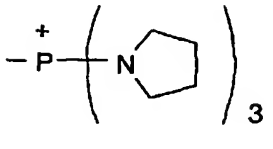
wherein R_{18}, R_{19}, R_{20}, R_{21}, R_{22}, R_{23}, R_{24} and R_{25} are independently hydrogen, methyl, ethyl, propyl, butyl, pentyl, or $CH_2CH_2OCH_2CH_3$.

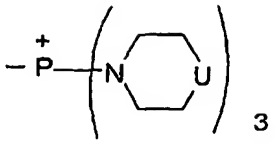
62. (Original) The salt according to Claim 61 wherein R_{23}, R_{22}, R_{20}, R_{21}, R_{24}, R_{25} are the same or R_{18}, R_{19} and R_{20} are the same or R_{19} and R_{21} are the same.

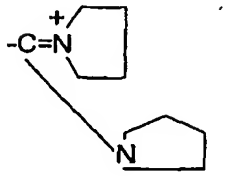
63. (Original) The compound or salt according to Claim 56 wherein R_{14} is ⊕
-P-$(NMe_2)_3$, lower alkyl carbonyl, lower arylalkyl carbonyl, aryl carbonyl,



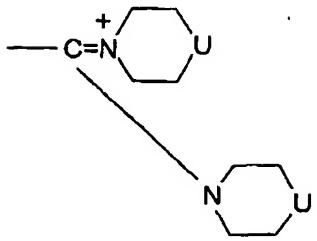






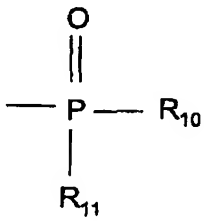


or



H
|
wherein U is N, CH_2 or O.

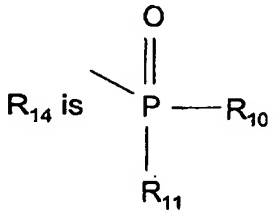
64. (Original) The compound according to Claim 56 wherein R_{14} is



65. (Original) The compound according to Claim 64 wherein R_{10} is OR_{12}, lower alkyl, aryl, or aryl lower alkyl; R_{11} is OR_{13}, lower alkyl, aryl; or aryl lower alkyl and R_{10} and R_{11} may optionally be connected by a bridging group selected form the group consisting of O, S, NH, and $(CH_2)_m$; m is 1-3; and

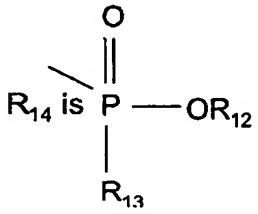
R_{12} and R_{13} are independently lower alkyl, aryl, or aryl lower alkyl.

66. (Original) The compound according to Claim 56 wherein



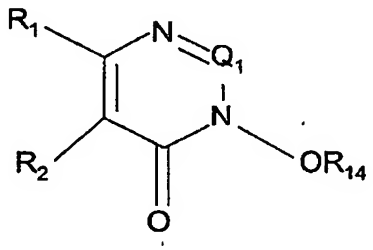
wherein R_{10} and R_{11} are independently lower alkyl or aryl.

67. (Original) The compound according to Claim 56 wherein

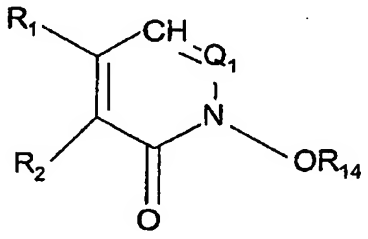


wherein R_{12} and R_{13} are independently lower alkyl or aryl.

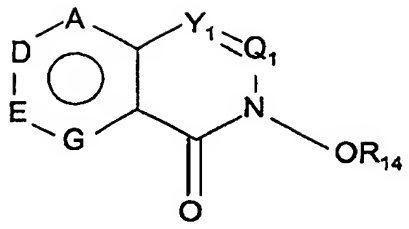
68. (Original) The compound or salt according to Claim 56 wherein the compound or the cation of the salt has the formula



69. (Original) The compound or salt according to Claim 56 wherein the compound or the cation of the salt has the formula



70. (Original) The compound according to Claim 56 wherein the compound or the cation of the salt has the formula



wherein

A is N or CR_{24};

D is CR_{25} or N;

E is CR_{26} or N;

G is CR_{27} or N;

R_{24}, R_{25}, R_{26} and R_{22} are independently hydrogen or lower alkyl or electron donating group or R_{25} and R_{26} or R_{24} and R_{25} or R_{26} and R_{27} taken together with the carbon atoms to which they are respectively attached from an aryl ring;

wherein at least one of A, D, E G, is N;

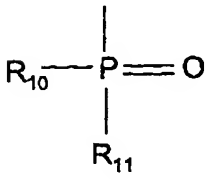
Y_1 is N or CR_{15};

R_{15} is H or lower alkyl;

Q_1 is N or CR_{16};

R_{16} is H or lower alkyl;

R_{14} is a positively charged electron withdrawing group,



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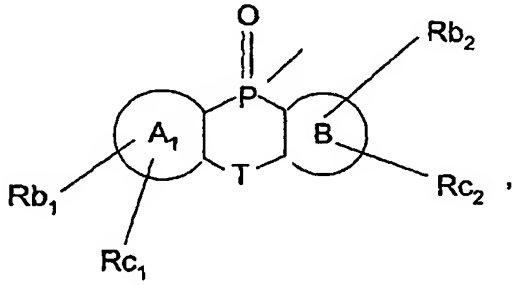


,

SO_2R_{17}, lower alkyl carbonyl, aryl carbonyl, loweralkyl aryl, or BLK_1-AA_1

R_{17} is aryl, aryl lower alkyl or lower alkyl;

AA_1 is an amino acid or peptide less a hydrogen atom on the N-terminus and an OH on the C-terminus;

BLK_1 is an amino protecting group,

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl, or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

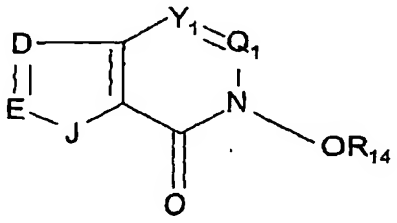
ring A_1 and ring B are independently an aromatic ring containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms, and

R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

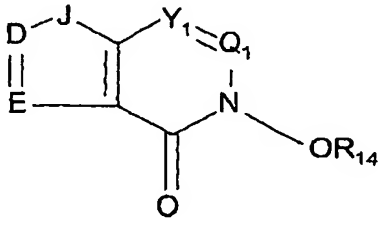
T is (CHR_{31}), O, S or NR_{31}; and

R_{31} is hydrogen or lower alkyl.

71. (Original) A compound or salt wherein the compound or the cation of the salt has the formula:



or



wherein

D is CR_{25} or N;

E is CR_{26} or N;

J is NR_{28}, O, $CR_{28}R_{29}$ or S(O)p;

R_{25} and R_{26} are independently hydrogen or lower alkyl or an electron donating group or R_{25} and R_{26} taken together with the carbon atoms to which attached form an aryl ring;

R_{28} is hydrogen or lower alkyl or an electron donating group;

R_{29} is hydrogen or lower alkyl;

p is 0, 1 or 2;

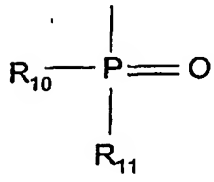
Y_1 is N or CR_{15};

R_{15} is H or lower alkyl;

Q_1 is N or CR_{16};

R_{16} is H or lower alkyl;

R_{16} is hydrogen, a positively charged electron withdrawing group,



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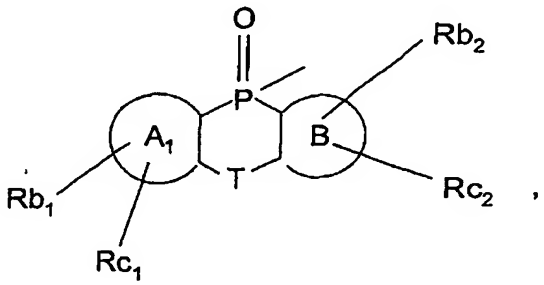


,

SO_2R_{17}, lower alkyl carbonyl, aryl carbonyl, loweralkyl aryl, or BLK_1-AA_1

R_{17} is aryl, aryl lower alkyl or lower alkyl;

AA_1 is an amino acid or peptide less a hydrogen atom on the N-terminus and an OH on the C-terminus;

BLK_1 is an amino protecting group,

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl, or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

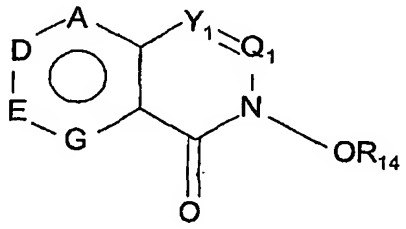
ring A_1 and ring B are independently an aromatic ring containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms, and

R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is (CHR_{31}), O, S or NR_{31}; and

R_{31} is hydrogen or lower alkyl.

72. (Original) The compound or salt according to Claim 70 where the compound or the cation has the formula



wherein

A is N or CR_{24};

D is CR_{25} or N;

E is CR_{26} or N;

G is CR_{27} or N;

R_{24}, R_{25}, R_{26} and R_{27} are independently hydrogen or lower alkyl;

wherein at least one of A, D, E G, is N;

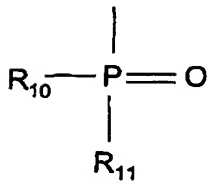
Y_1 is N or CR_{15};

R_{15} is H or lower alkyl;

Q_1 is N or CR_{16};

R_{16} is H or lower alkyl;

R_{14} is a positively charged electron withdrawing group,



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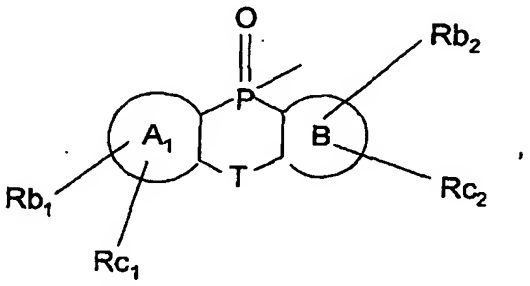


,

SO_2R_{17}, lower alkyl carbonyl, aryl carbonyl, loweralkyl aryl, or BLK_1-AA_1

R_{17} is aryl, aryl lower alkyl or lower alkyl;

AA_1 is an amino acid or peptide less a hydrogen atom on the N-terminus and an OH on the C-terminus;

BLK_1 is an amino protecting group,

R_{10} is OR_{12}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl, or lower cycloalkenyl lower alkyl;

R_{11} is OR_{13}, lower alkyl, aryl, aryl lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cycloalkenyl lower alkyl;

and R_{10} and R_{11} may optionally be connected by a bridging group selected from the group consisting of O, S, NR_{30}, or $(CHR_{30})_m$, wherein each R_{30} is independently lower alkyl or hydrogen and m is 1-3; and

R_{12} and R_{13} are independently lower alkyl, lower cycloalkyl, lower cycloalkyl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower cycloalkenyl or lower cyclalkenyl lower alkyl;

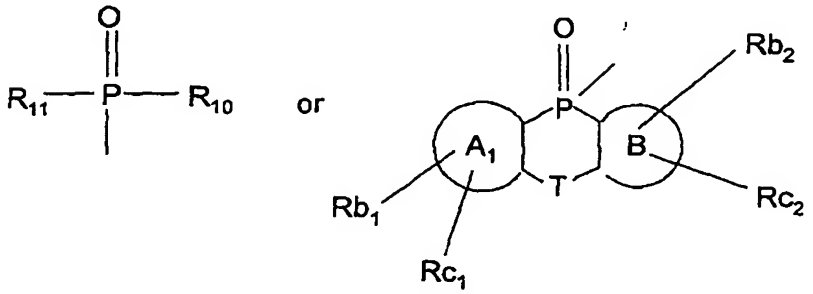
ring A_1 and ring B are independently an aromatic ring containing 6 to 14 ring carbon atoms or cycloalkenyl or cycloalkyl, each containing 5 to 14 ring carbon atoms, and

R_{b1}, R_{c1}, R_{b2}, R_{c2} are independently hydrogen, lower alkyl or electron donating group;

T is (CHR_{31}), O, S or NR_{31}; and

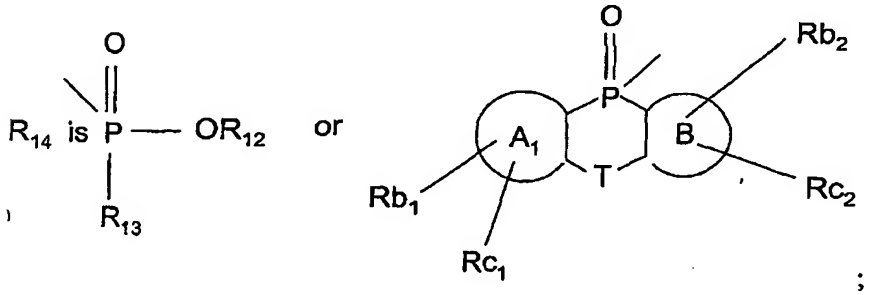
R_{31} is hydrogen or lower alkyl.

73. (Original) The compound according to Claim 72 wherein R_{14} is



wherein R_{10} and R_{11}, R_{b1}, R_{b2}, R_{c1}, R_{c2} are independently hydrogen or lower alkyl and T is O, CH_2, NH or S and ring A_1 and ring B are independently an aromatic ring.

74. (Original) The compound according to Claim 56 wherein



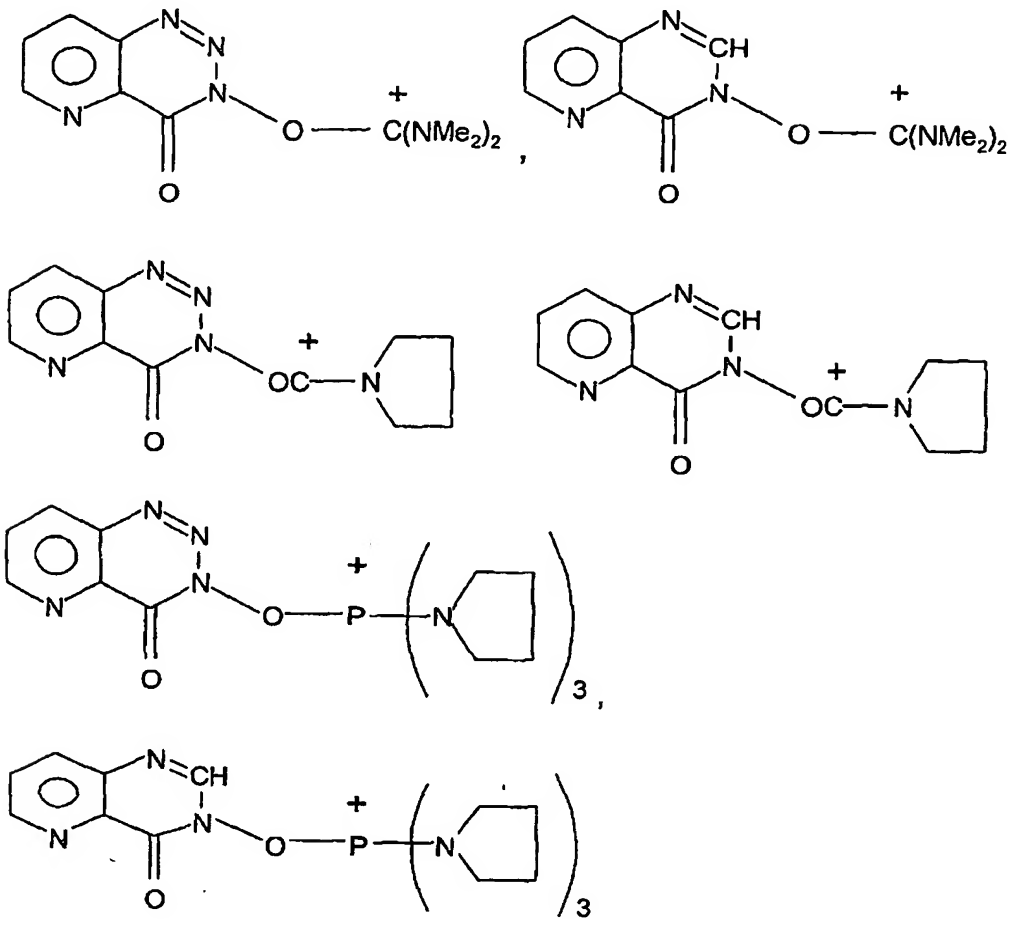
;

wherein R_{12}, R_{13}, R_{b1}, R_{b2}, R_{c1} and R_{c2} are independently hydrogen or lower alkyl;

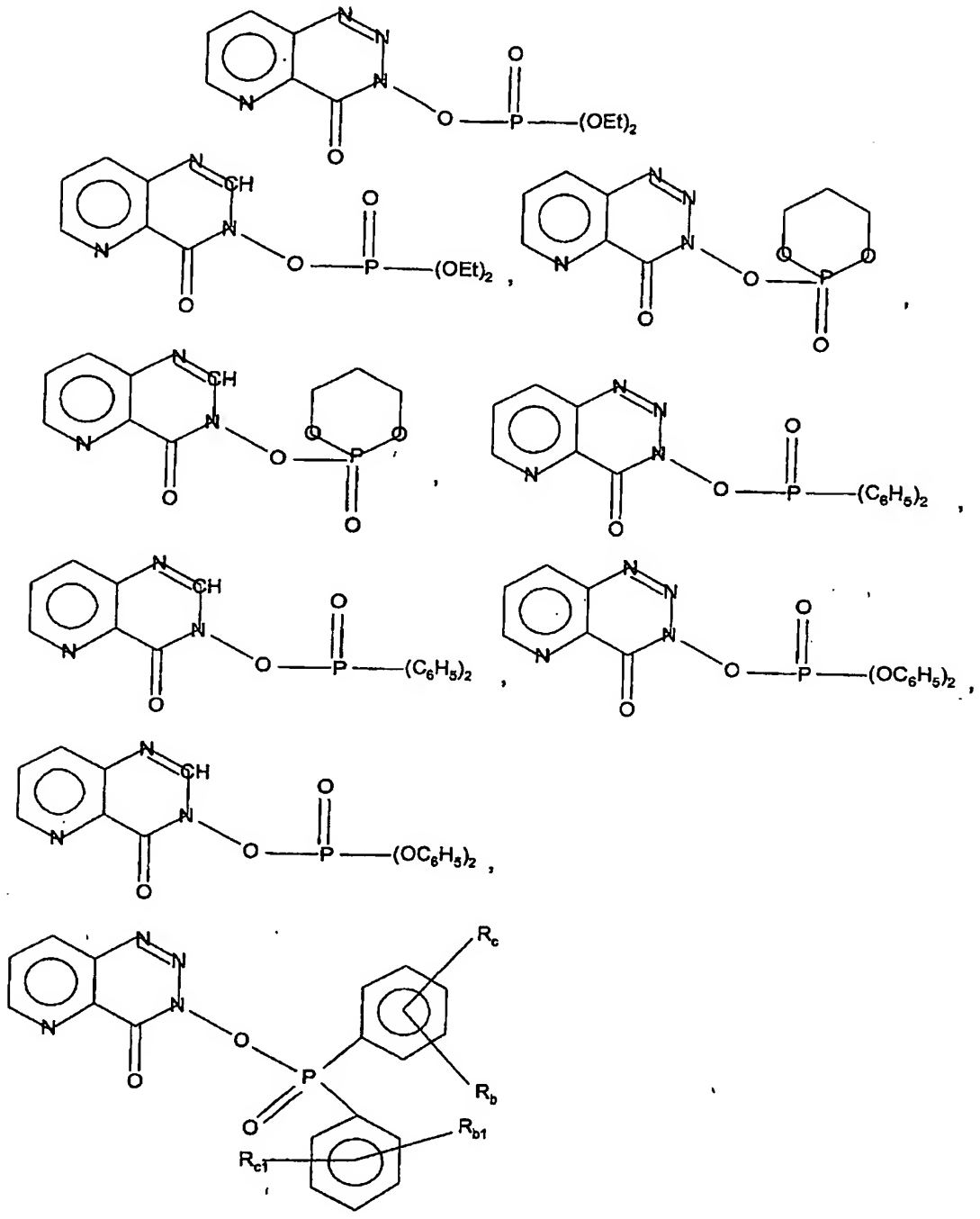
ring A_1 and ring B are independently phenyl; and

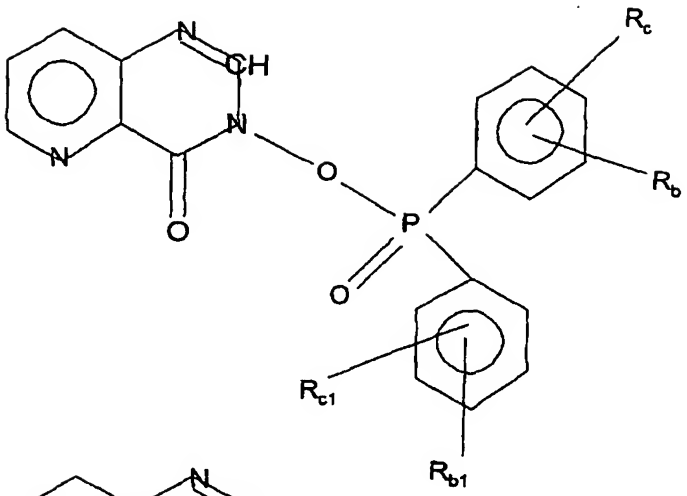
T is CH_2, O, S or NH.

75. (Original) The compound according to Claim 56 wherein the compound is a salt, the cation of which has the formula



76. (Original) The compound according to Claim 56 wherein the compound has the formula





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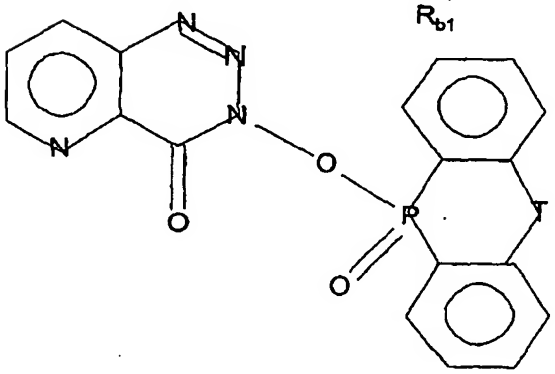
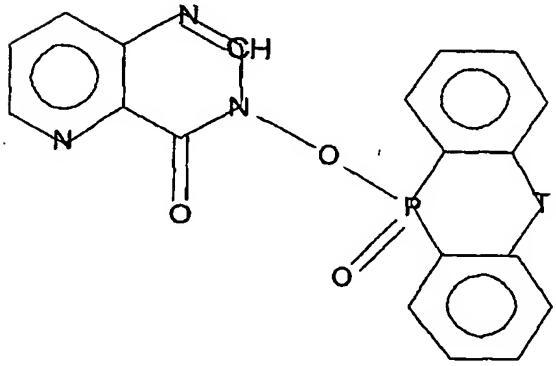


or



wherein R_b, R_{b1}, R_c, are independently lower alkyl or hydrogen and T is CH_2, NH, O or S.

77. – 129 (Canceled)